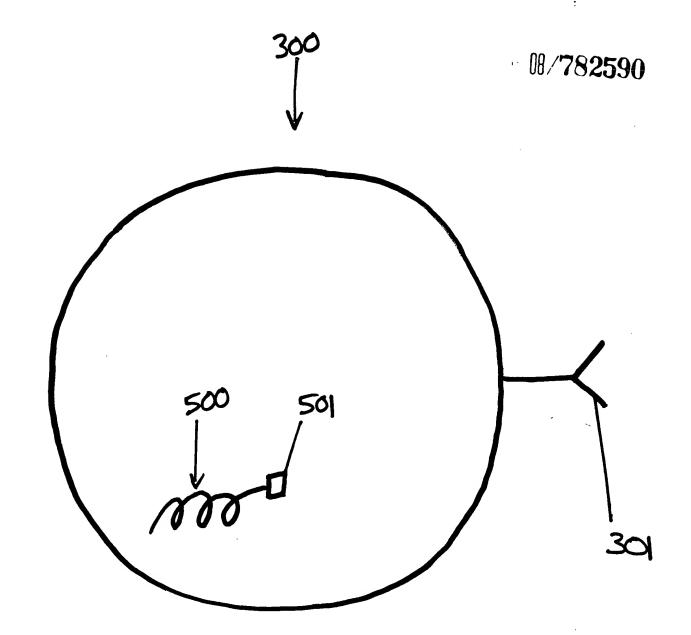


99 — 3



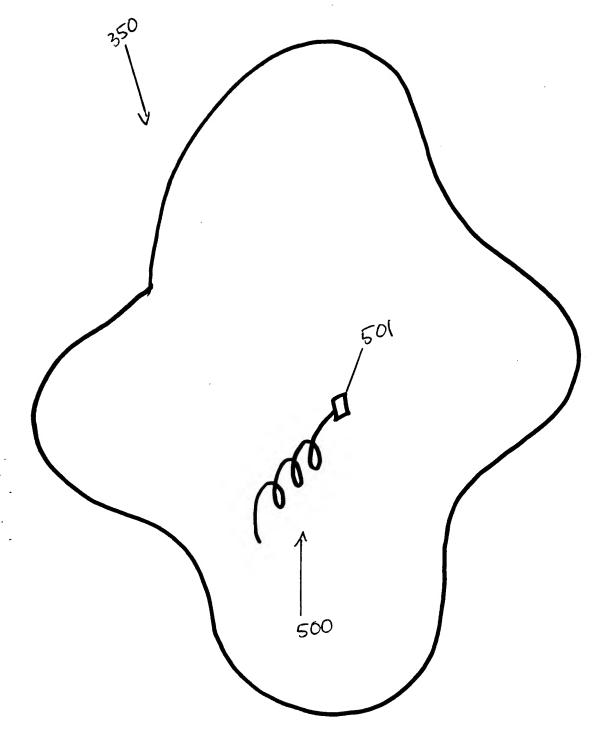
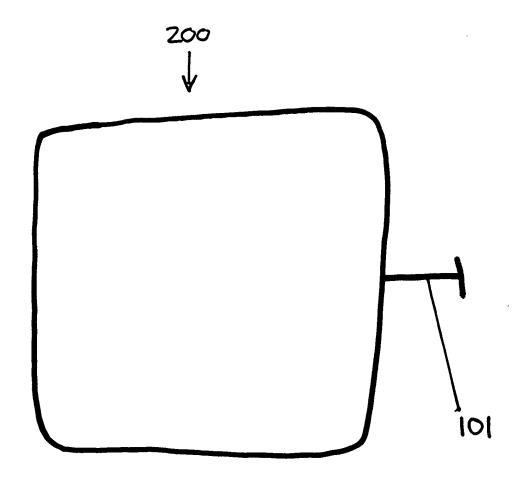
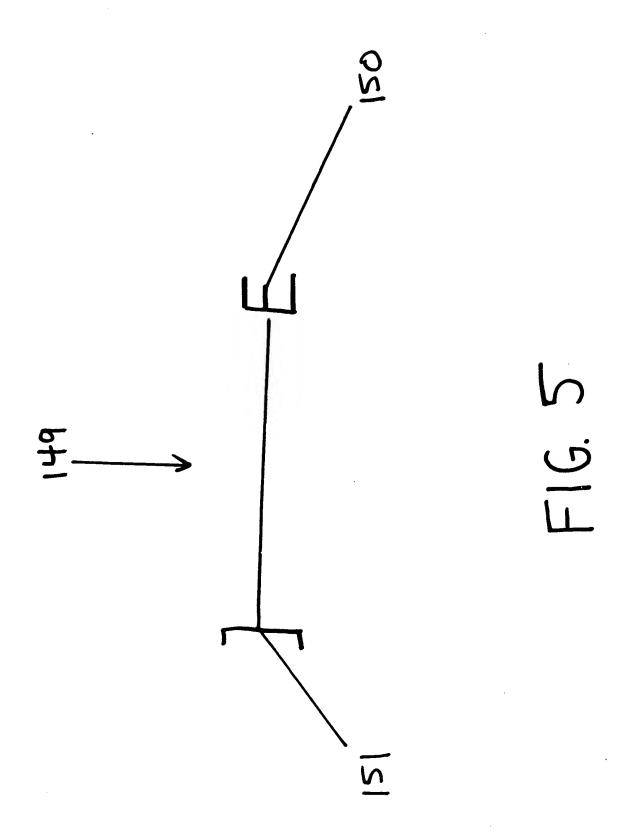
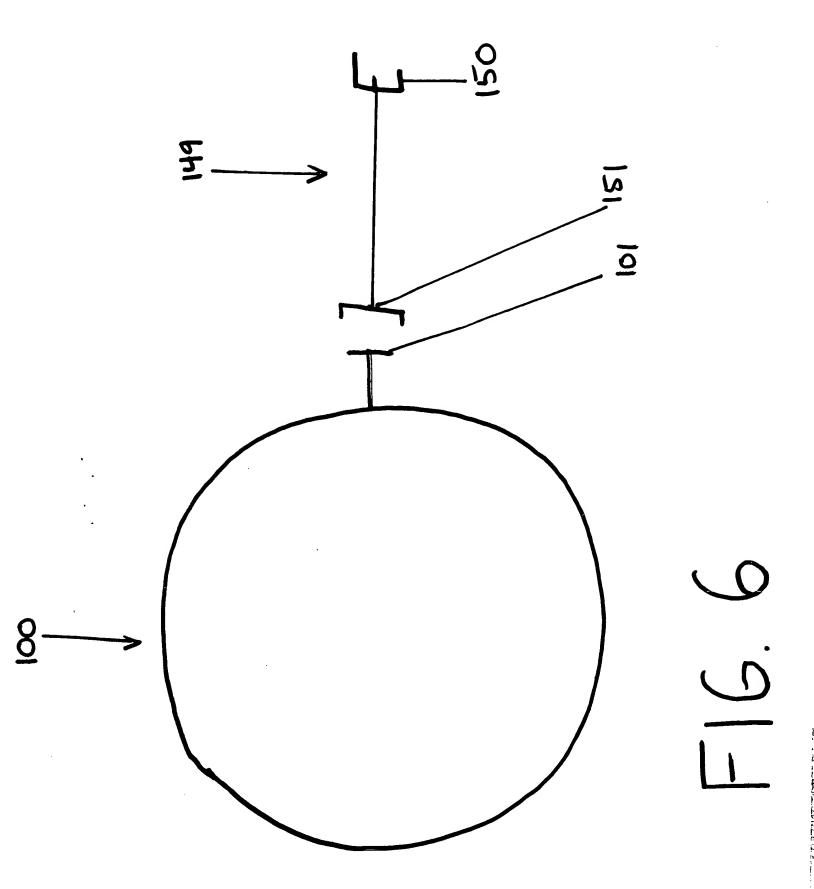
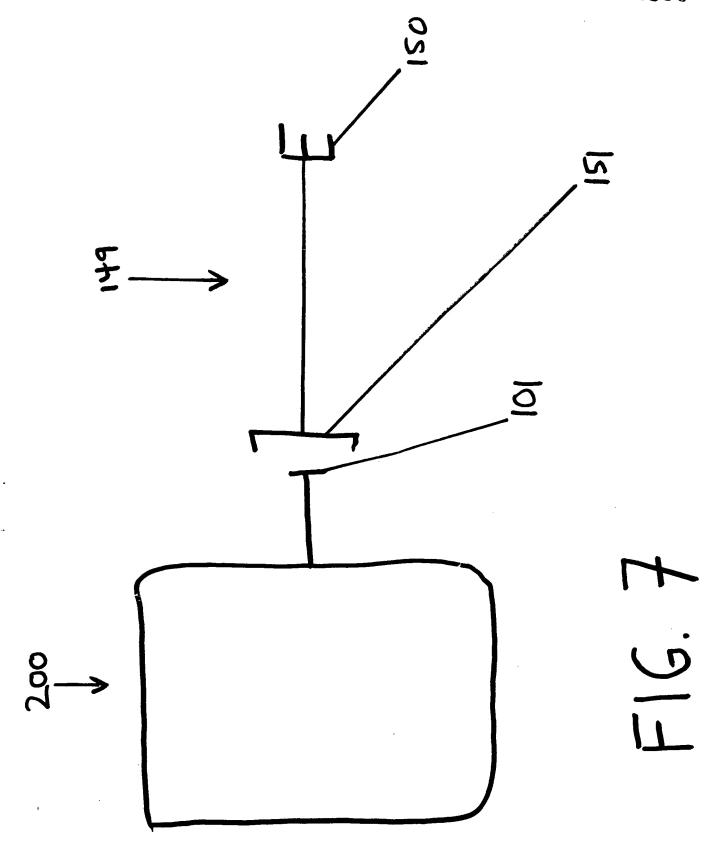


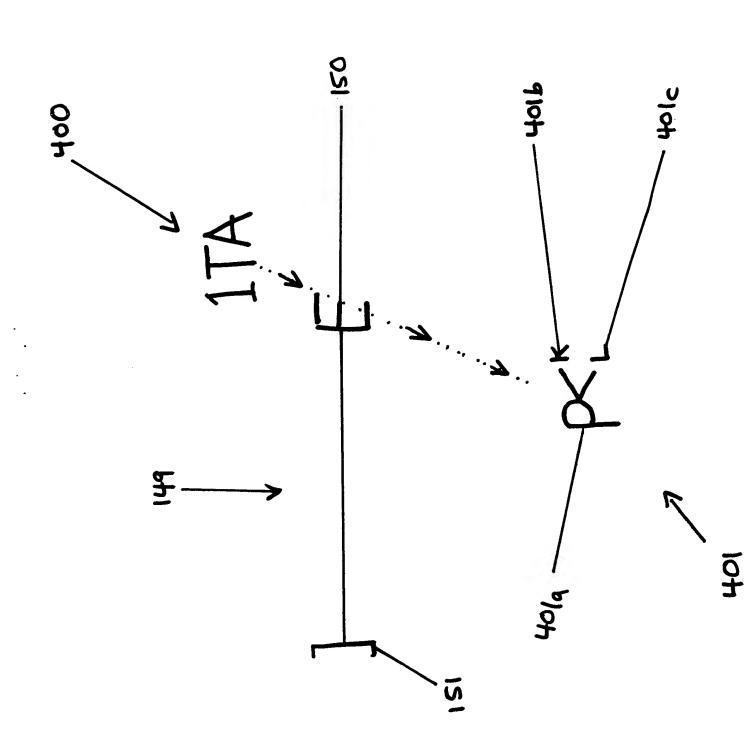
FIG 3

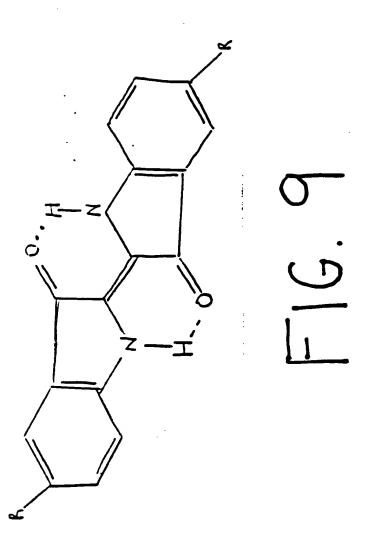












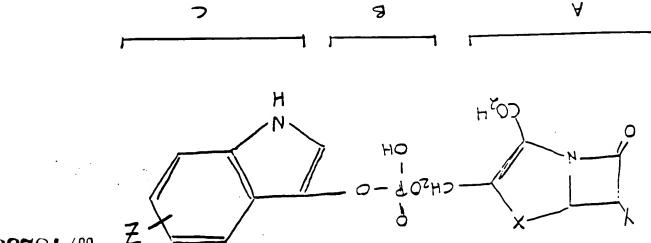
08/782590

FIG. ||

+ ABOP-O H

8-C + ABBr

E16.12



08/185290

ABC 16.13 Ho₂C resulting from the action of β -lactamase opening of the β -lactam and elimination CO₂H 70-Indoxyl Phosphate precipitate substituted indigo CO2H 임 ロロア phosphatase HO Indoxyl Phosphate エス IZ Indoxyl dimerization oxidation and M

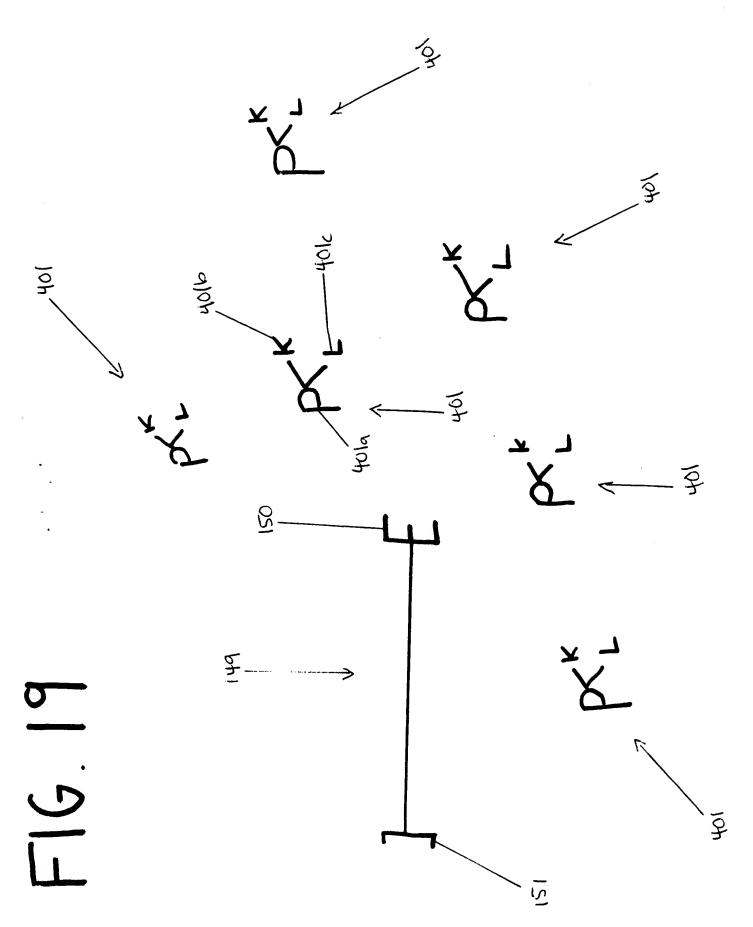
NaHCO3 / H2O

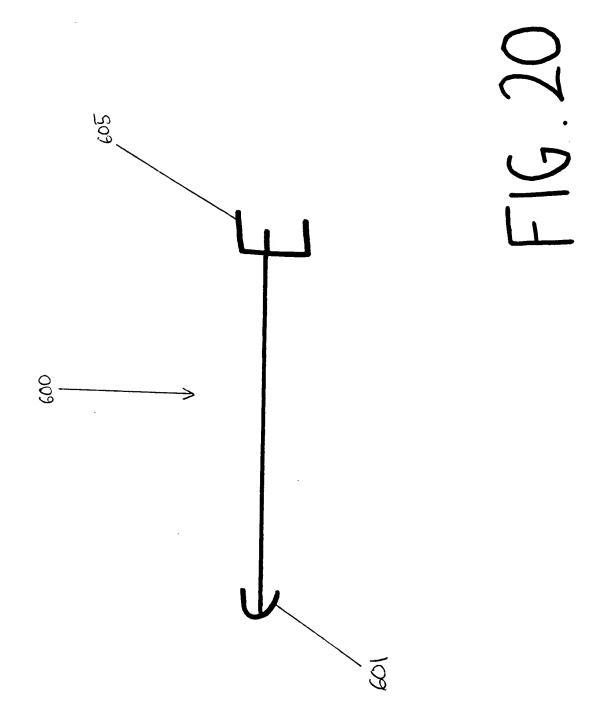
$$\begin{array}{c} \text{To} \\ \text{B} / 782590 \\ \text{O} \\ \text{N} \\ \text{I} \\ \text{I} \\ \text{Na} \\ \text{HC}_{3} \\ \text{II} \\ \text{O} \\ \text{OR} \\ \text{O} \\ \text{O}$$

F16. 16

7-aminocephalosporanic acid

As shown the cephalosporin residue stays attached to the soluble polymer





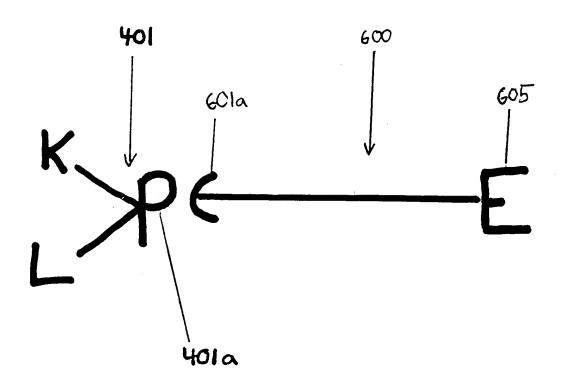
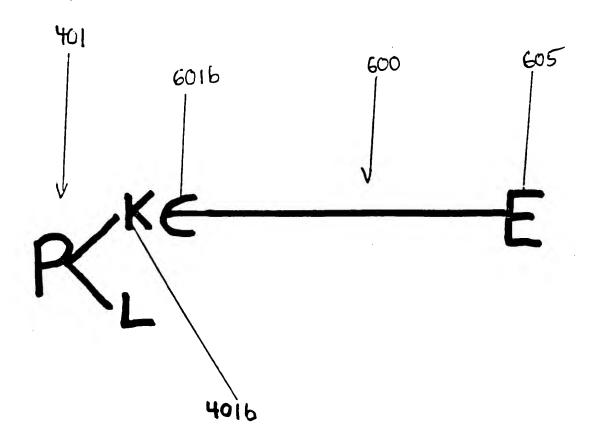
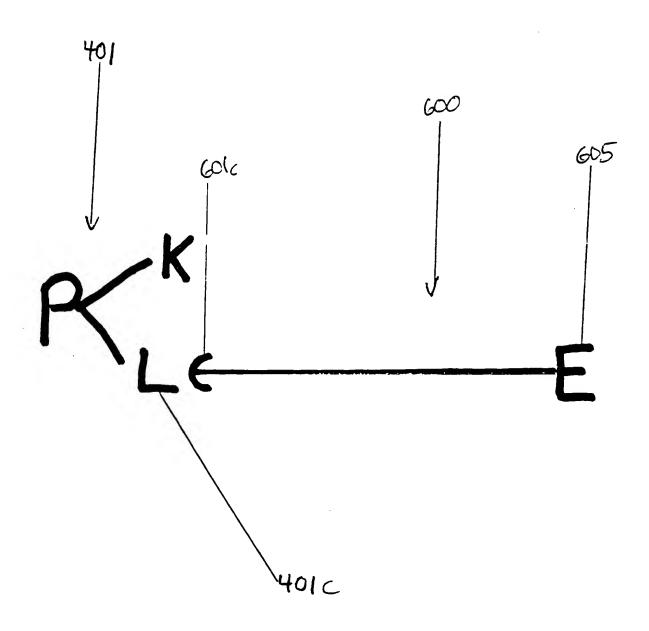
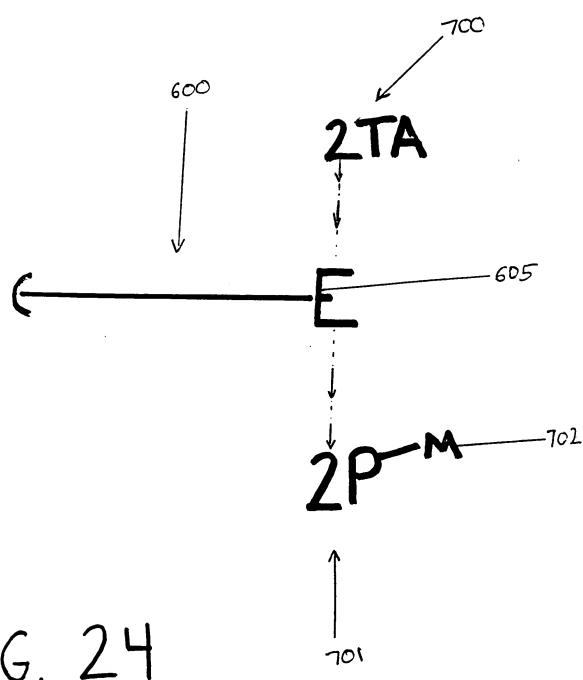


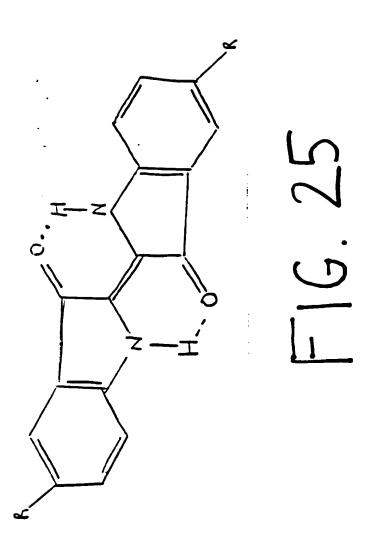
FIG. 21





F16. 23







$$CH_2OP - O$$
 CO_2H
 $CH_2OP - O$
 CO_2H
 CO

F16. 28

oxidation and

dimerization

Beta lactamase

Indoxyl

M

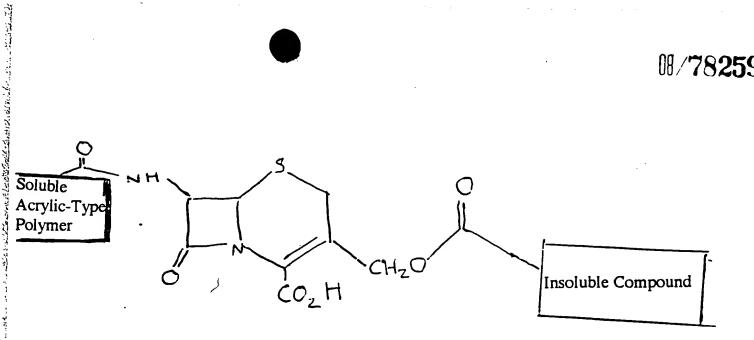
NAHCO3/H2O

マエ

М

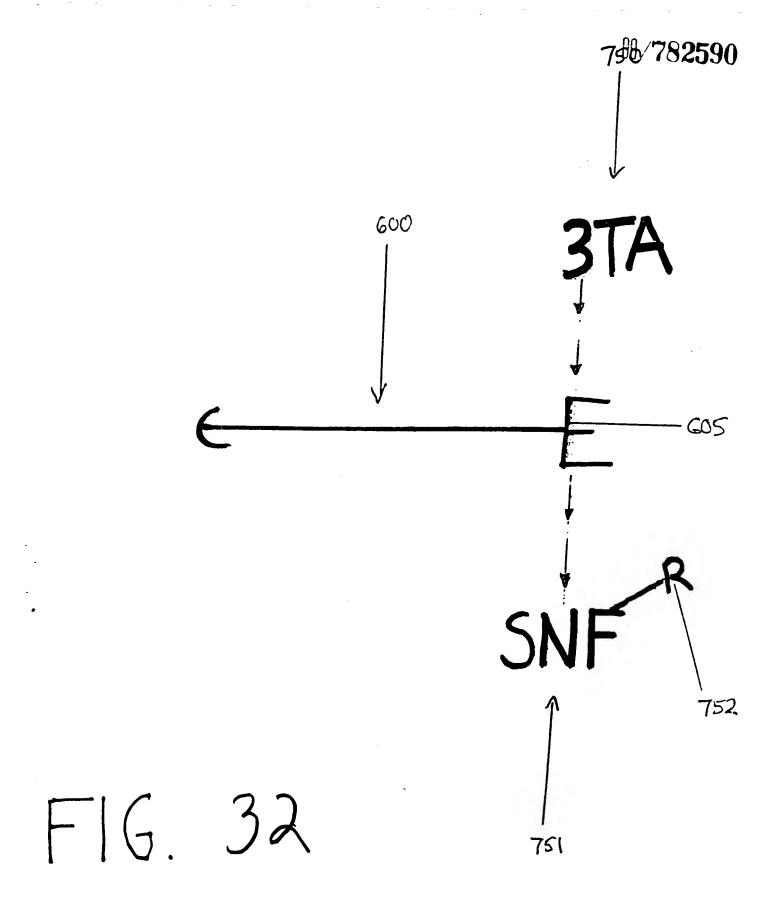
+

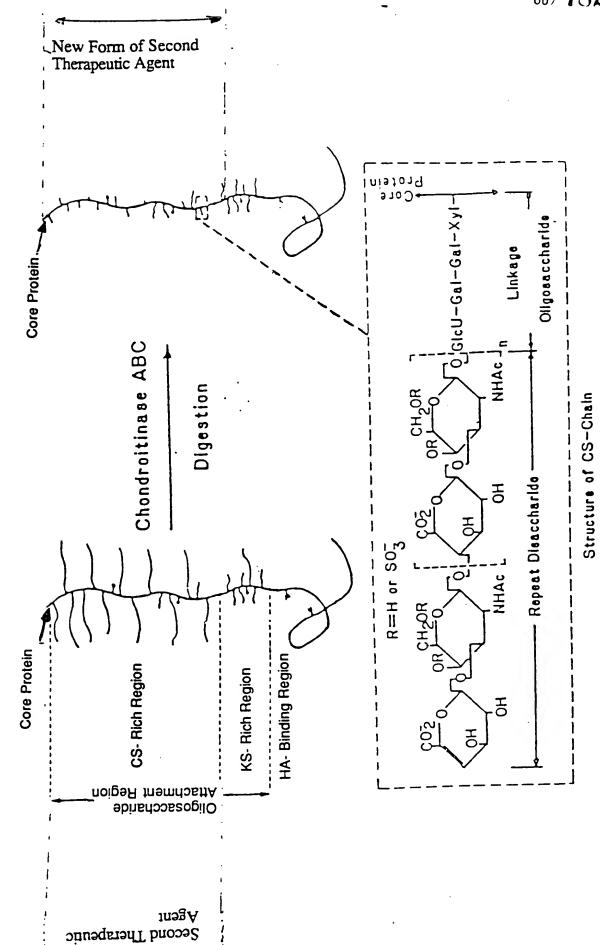
7

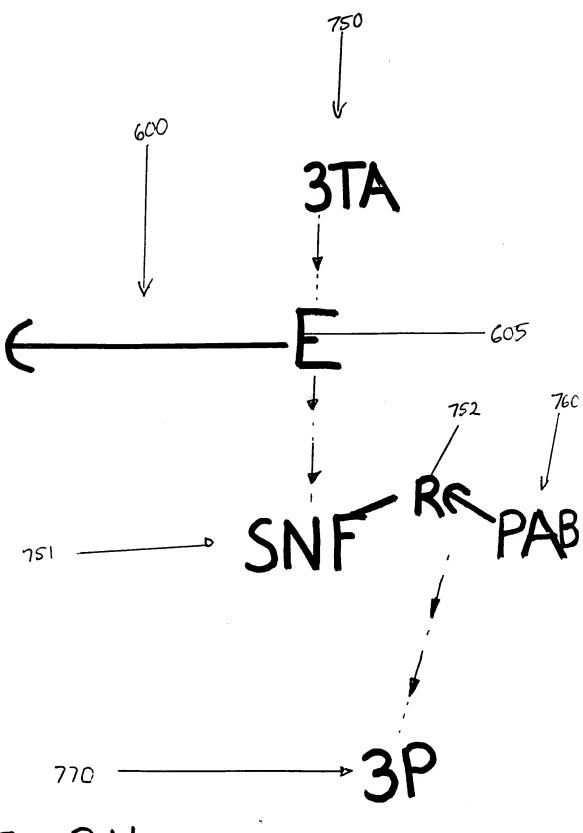


7-aminocephalosporanic acid

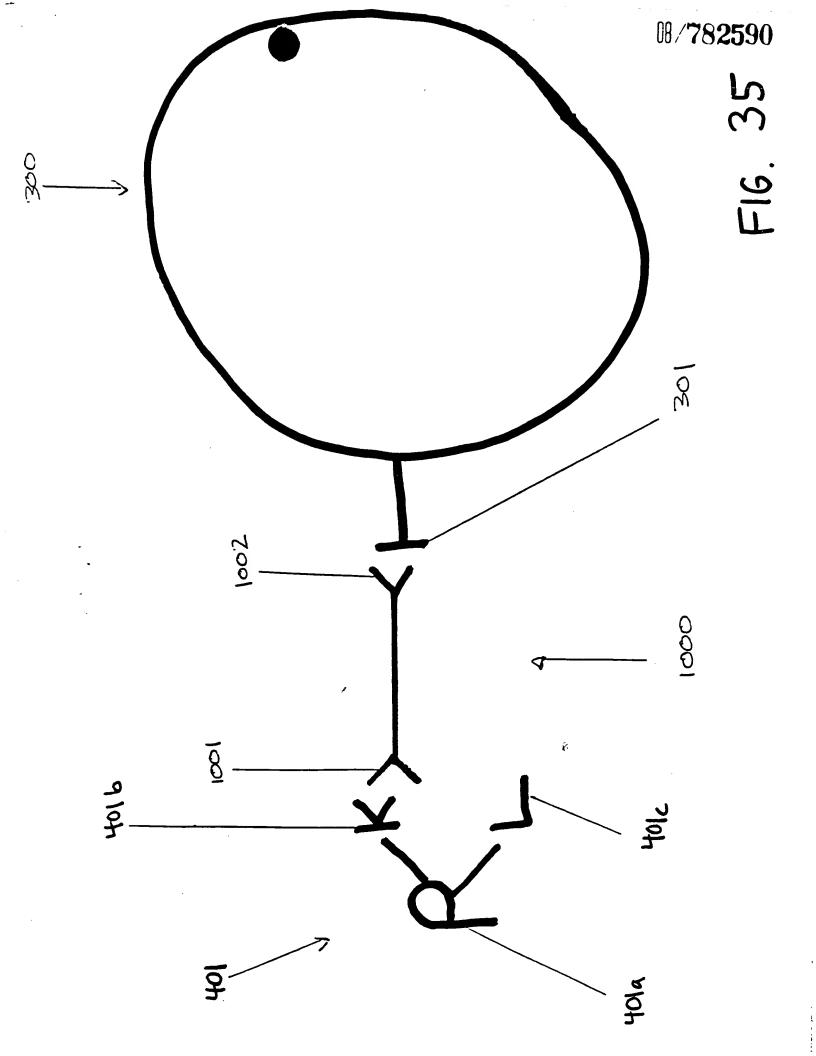
As shown the cephalosporin residue stays attached to the soluble polymer

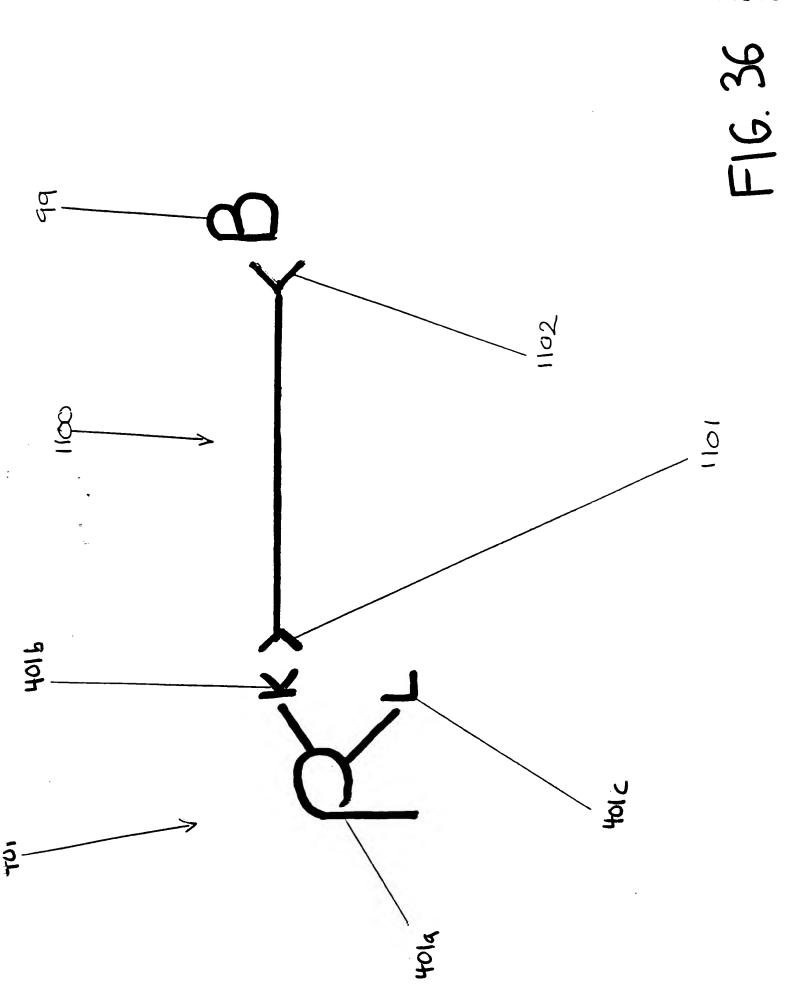


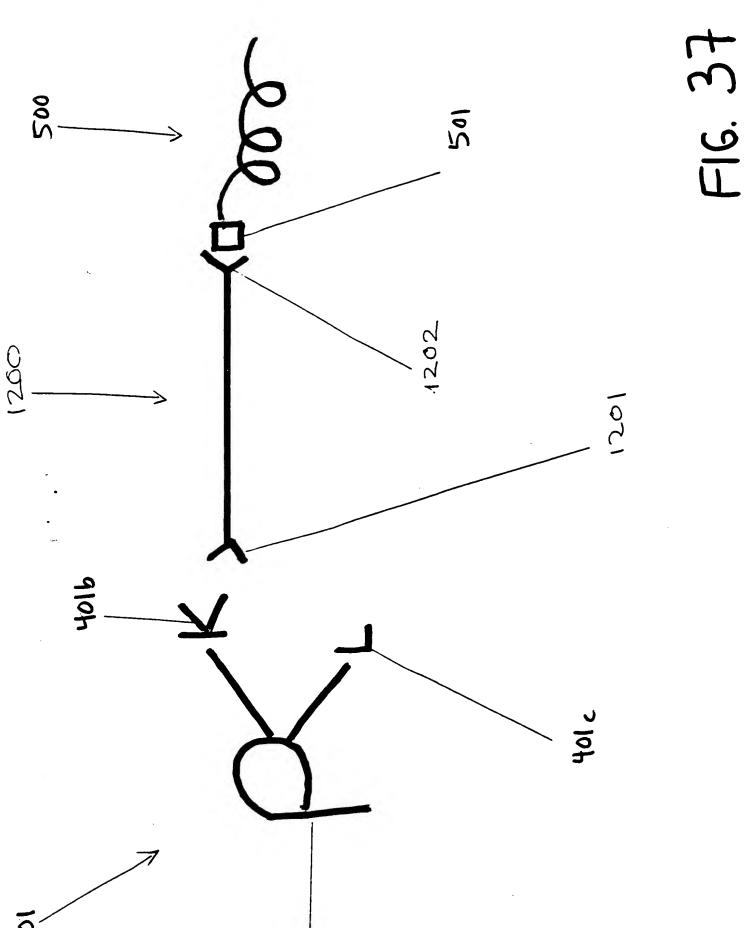


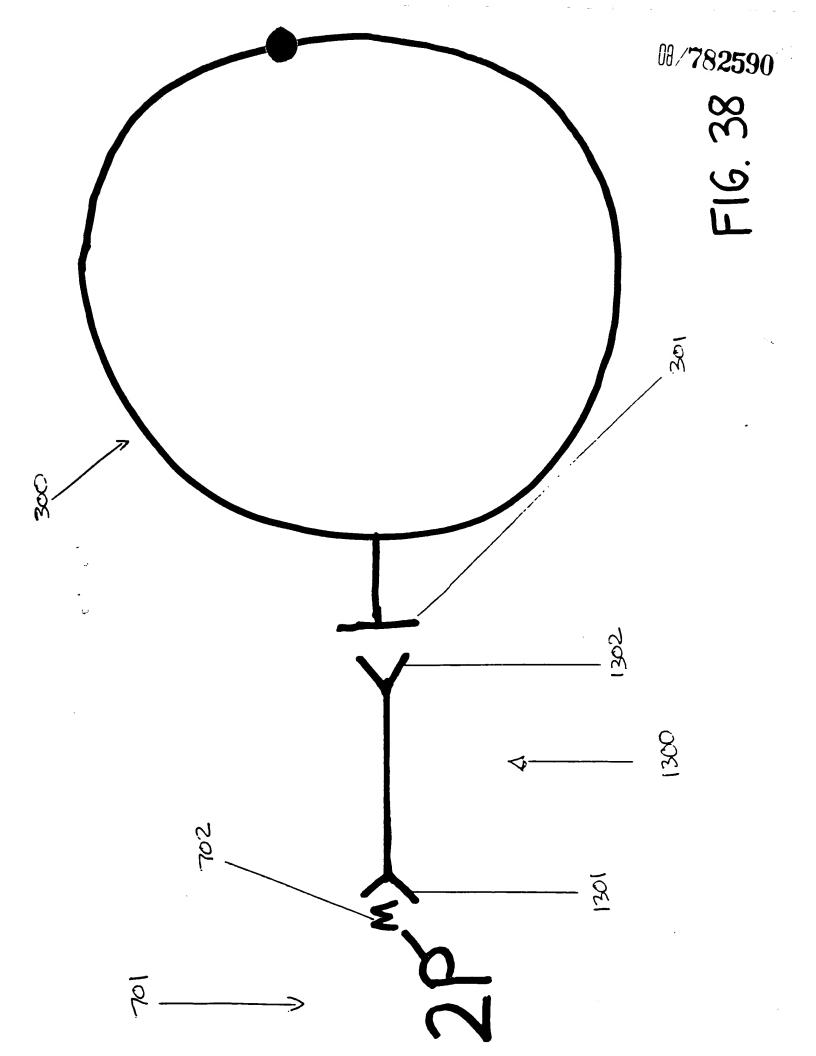


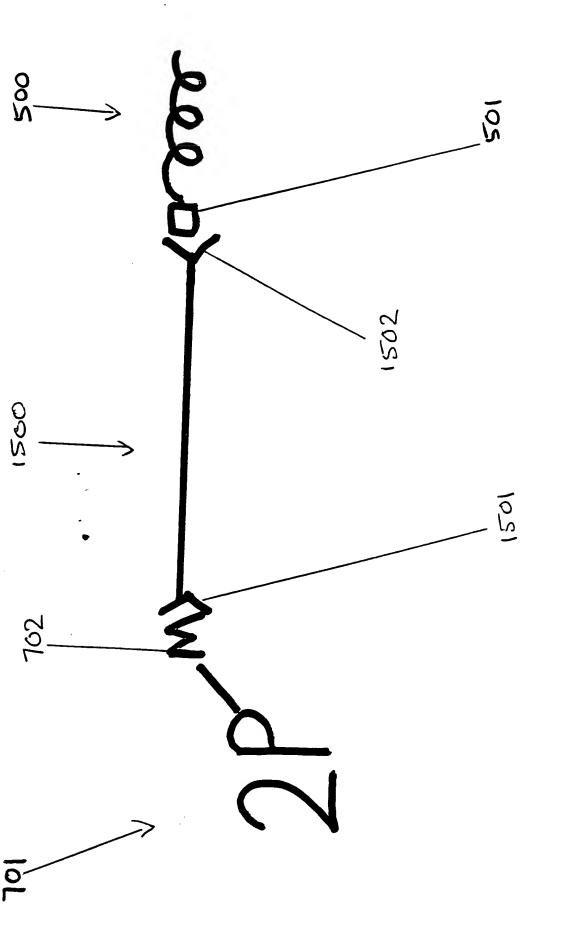
F1G. 34

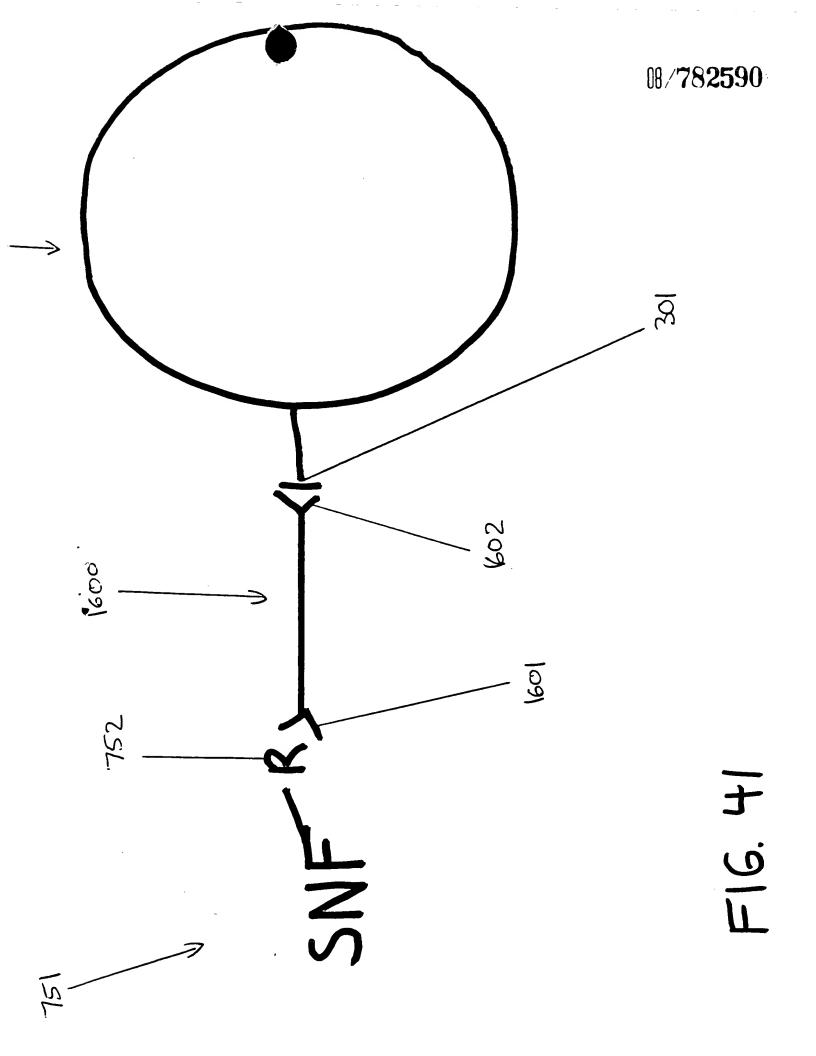




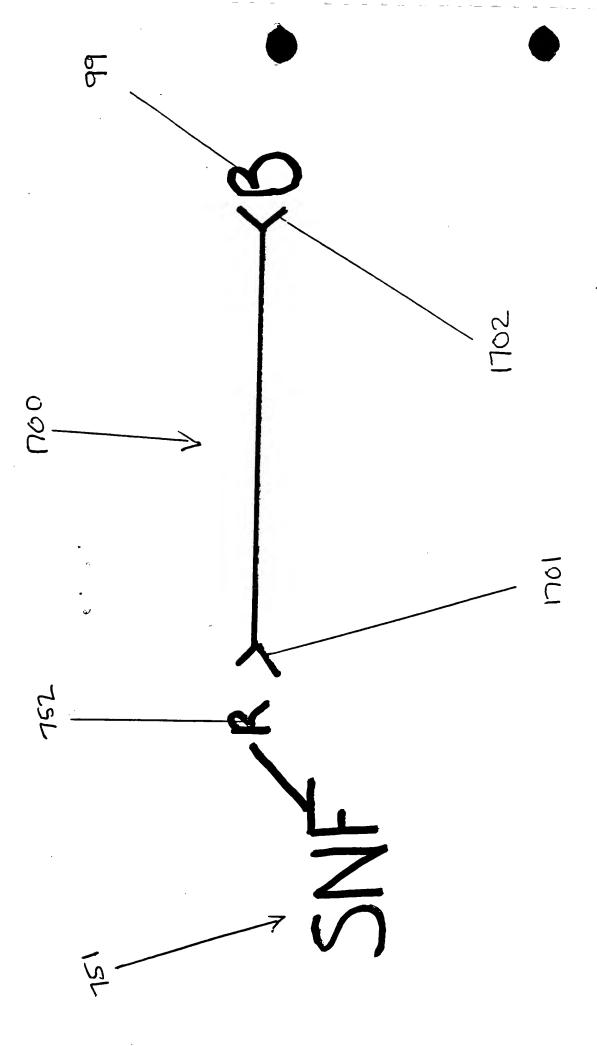


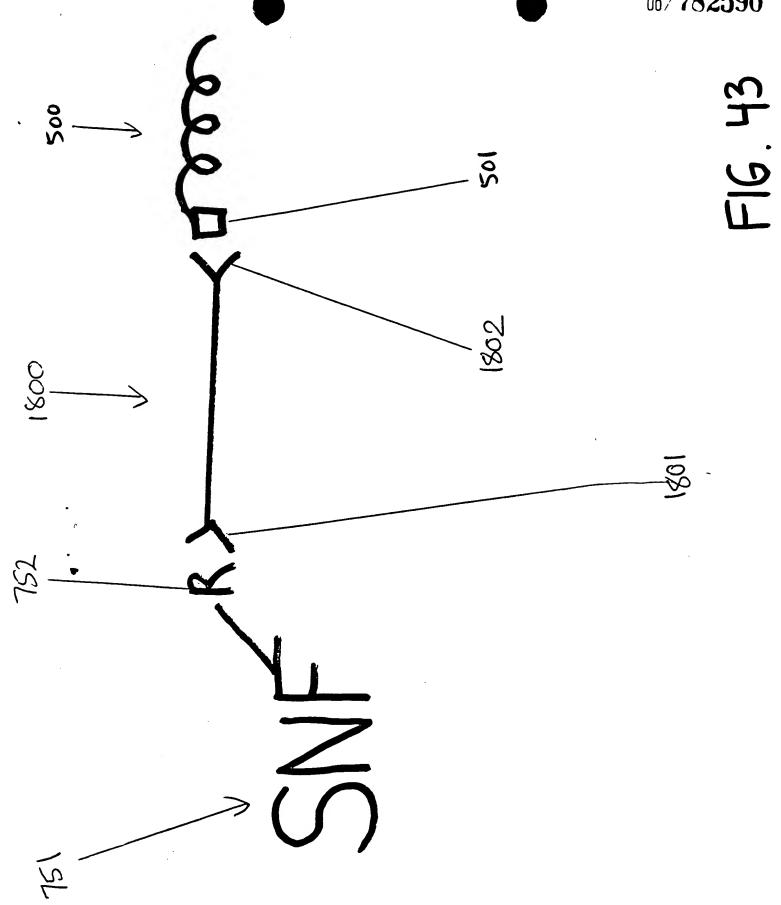


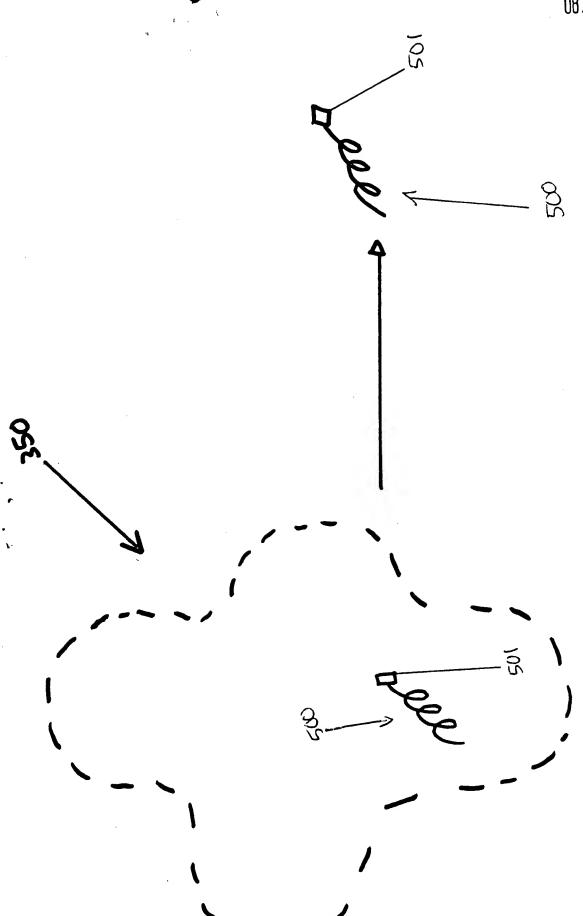












月6.44